

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092018\
 Data File : BM016817.D
 Acq On : 20 Sep 2018 10:15
 Operator : SJ/JU
 Sample : J4896-14DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C08N1DL

Manual Integrations
 APPROVED

Sohil
 9/21/2018 2:06:42 PM

Quant Time: Sep 21 02:26:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 21 02:02:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	250593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1031150	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	550453	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1213715	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1336060	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1396426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	14890	2.54	ng/uL	0.00
5) Phenol-d5	6.89	99	258594	12.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	171124	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	226306	13.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	210587	12.88	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	102470	15.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	92392	15.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	198033	12.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	266388	14.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	594356	13.45	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	687086	12.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	82826	11.42	ng/ul	0.00
58) Fluorene-d10	15.36	176	527335	13.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	51451	10.33	ng/ul	0.00
71) Anthracene-d10	17.20	188	803829	13.73	ng/ul	0.00
79) Pyrene-d10	19.50	212	910983	14.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1015896	13.95	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.91	77	41600	2.427 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	369326m	19.536 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	1228995	61.181 ng/uL	98
74) Pentachlorobenzene	14.67	250	65263	3.602 ng/uL	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

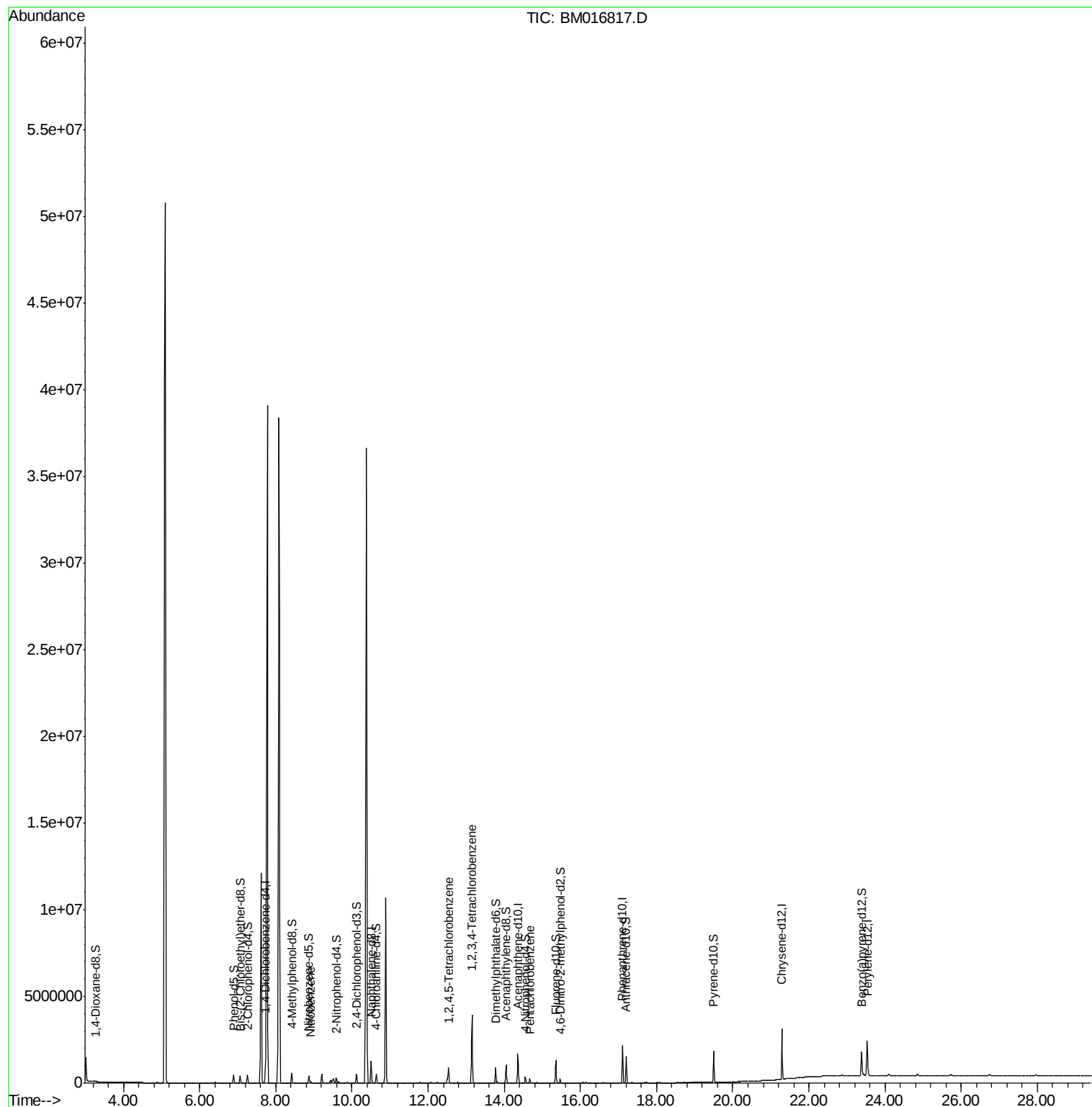
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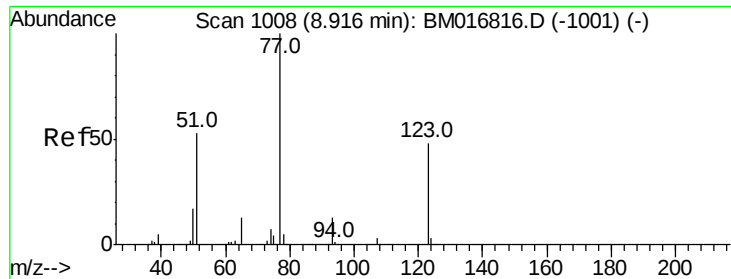
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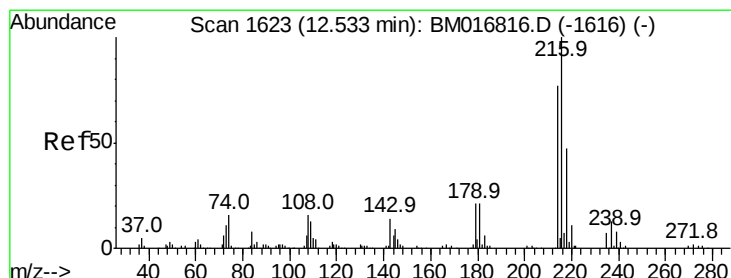
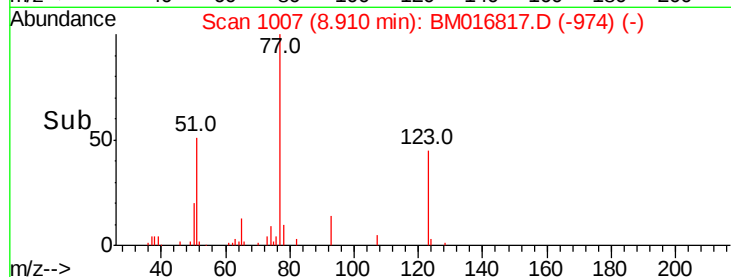
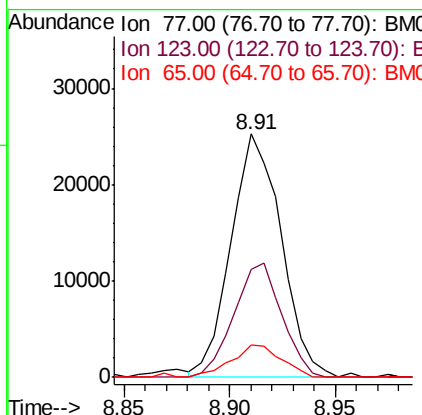
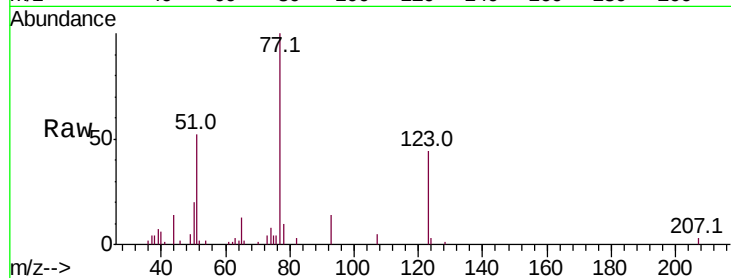
#20
Nitrobenzene
Concen: 2.427 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM016817.D
Acq: 20 Sep 2018 10:15

Instrument :
BNA_M
ClientSampleId :
C08N1DL

Tot Ion	Ratio	Lower	Upper
77	100		
123	44.4	31.8	47.8
65	13.2	10.6	16.0

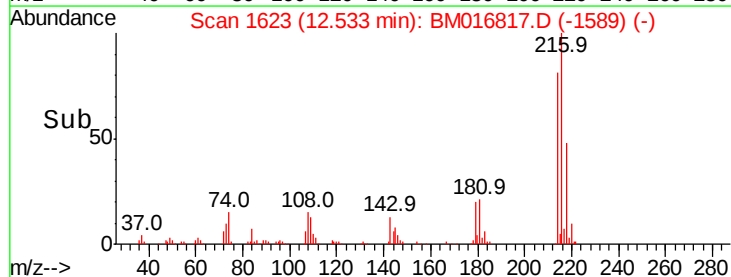
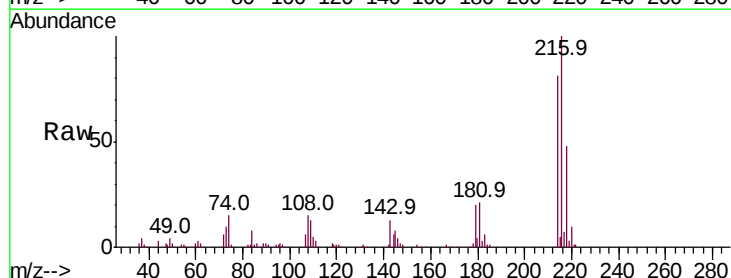
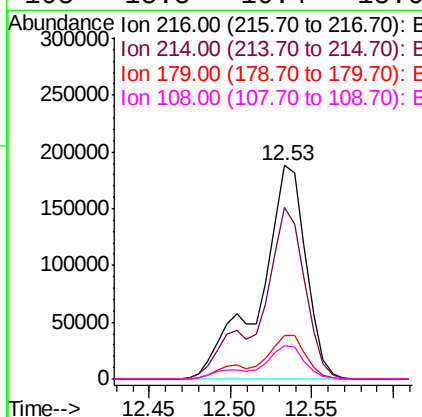
Manual Integrations
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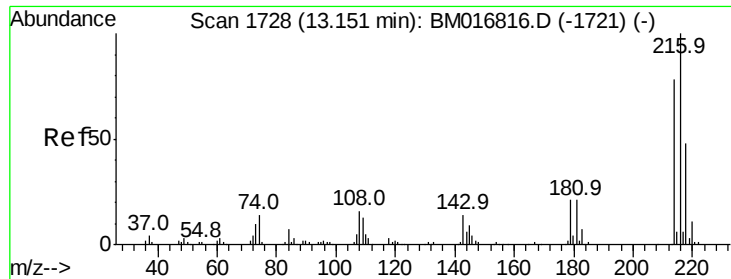
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.536 ng/ul m
RT: 12.53 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BM016817.D
Acq: 20 Sep 2018 10:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	64.1	96.1
179	20.3	14.5	21.7
108	15.5	10.4	15.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 61.181 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BM016817.D

Acq: 20 Sep 2018 10:15

Instrument :

BNA_M

ClientSampleID :

C08N1DL

Tot Ion:216 Resp: 1228995

Ion Ratio Lower Upper

216 100

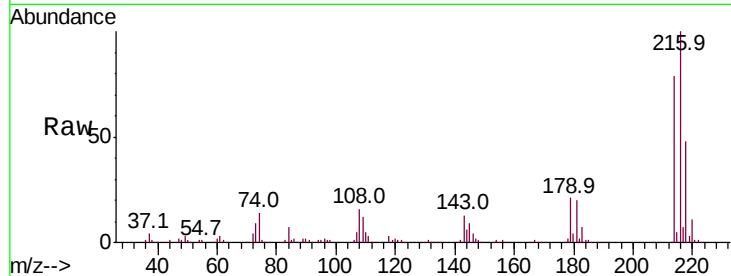
214 78.7 64.1 96.1

218 47.7 39.4 59.0

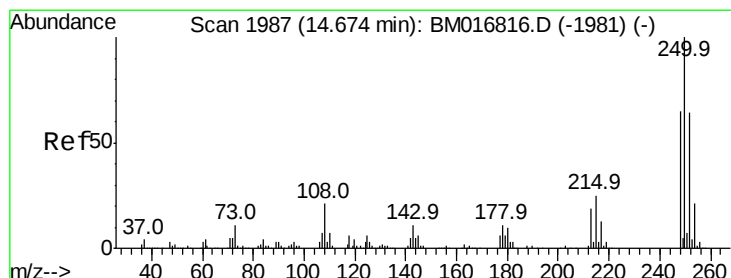
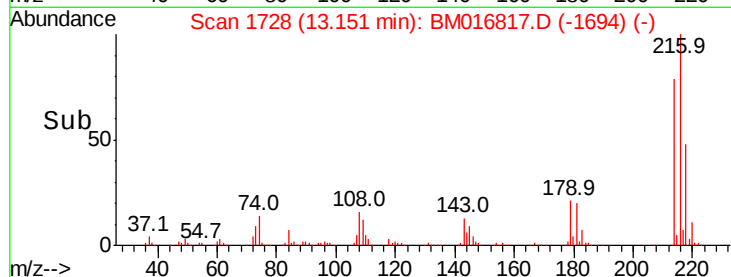
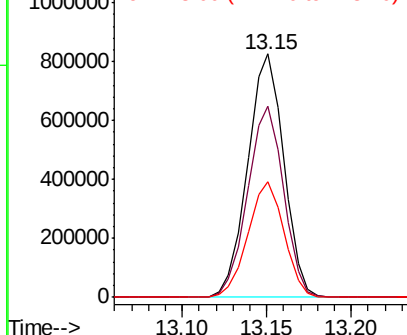
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 3.602 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016817.D

Acq: 20 Sep 2018 10:15

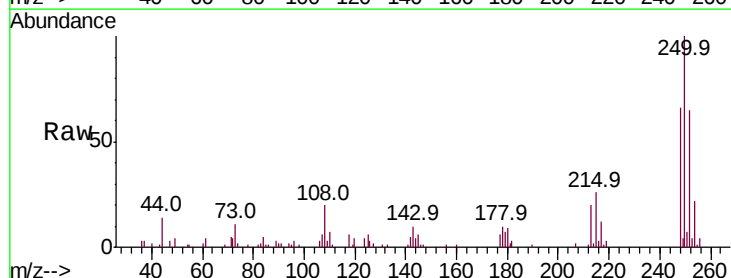
Tgt Ion:250 Resp: 65263

Ion Ratio Lower Upper

250 100

248 65.5 51.4 77.2

252 64.5 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E
Ion 248.00 (247.70 to 248.70): E
Ion 252.00 (251.70 to 252.70): E

